

GEN4



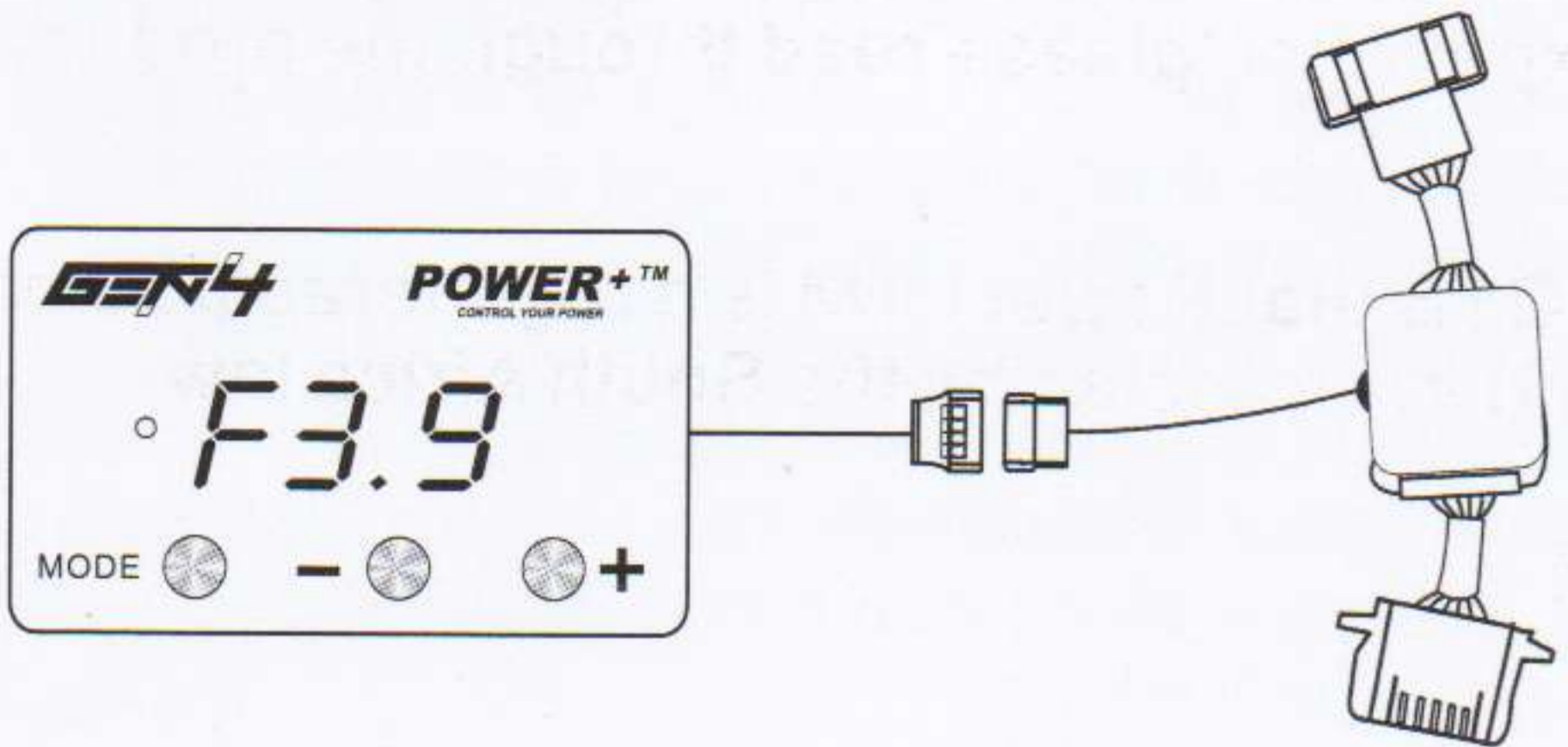
Electronic throttle controller Instruction Manual

www.powerplusafrica.com

Thanks for using our POWER PLUS throttle controller. In order to get the best product experience please read through the product.

NOTE that Power+ TM is a registered trademark and is protected by the South Africa law.

One、PRODUCT PICTURE



THROTTLE CONTROLLER

POWER

Two、FUNCTION AND SPECIFICATION

- 1、 POWER+ allows for improved drivability, by giving you the ability to choose the setting that works for you.
- 2、 Modes include: F1 Daily mode, F2 Sport/ Towing mode, F3 Power+Race mode, Normal Mode, Economy/4x4 Crawling mode, AU(Power+ intelligent mode).
- 3、 The auto dimming LED display makes night driving a breeze
- 4、 Each mode has 9 settings that enables you to dial in what works the best for your driving style and application

5. Each unit is suited to both Automatic and Manual vehicles, this needs to be selected when setting up the unit.

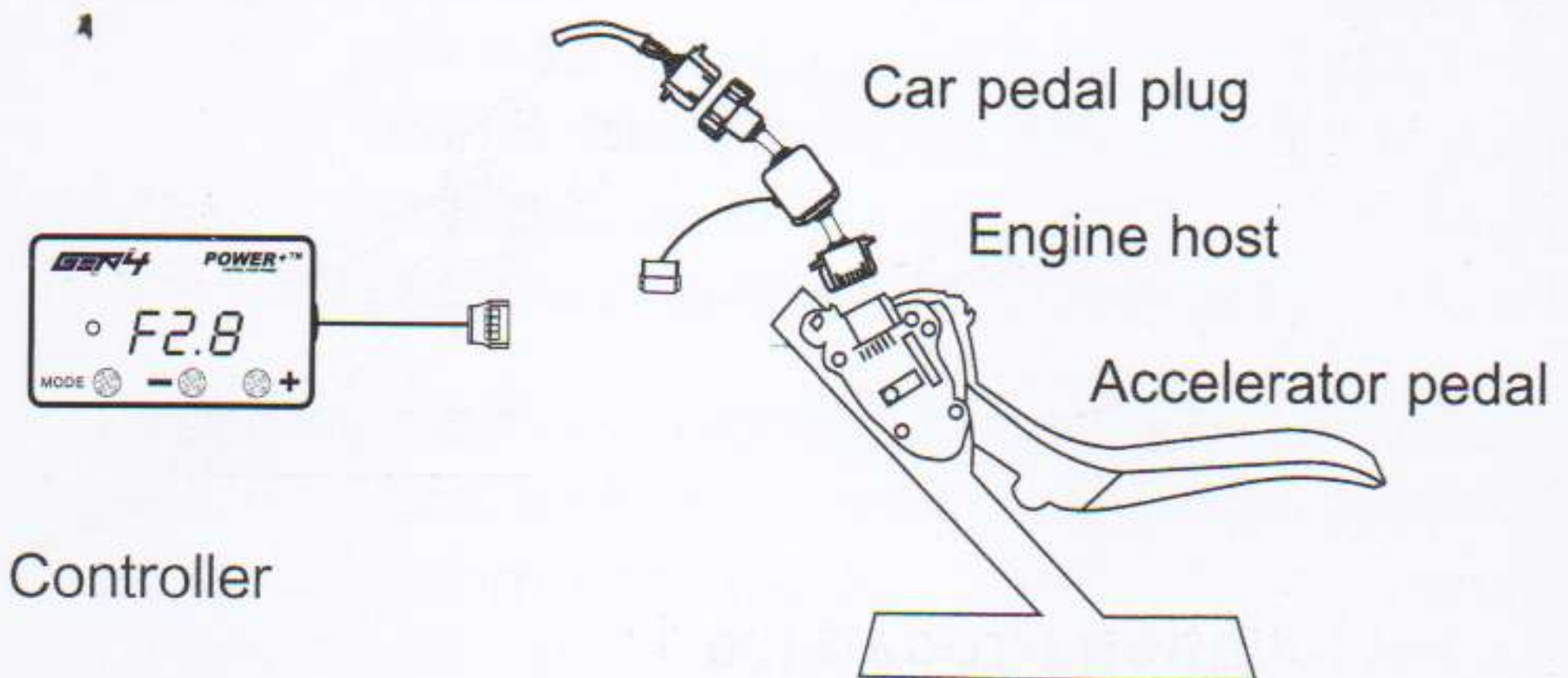


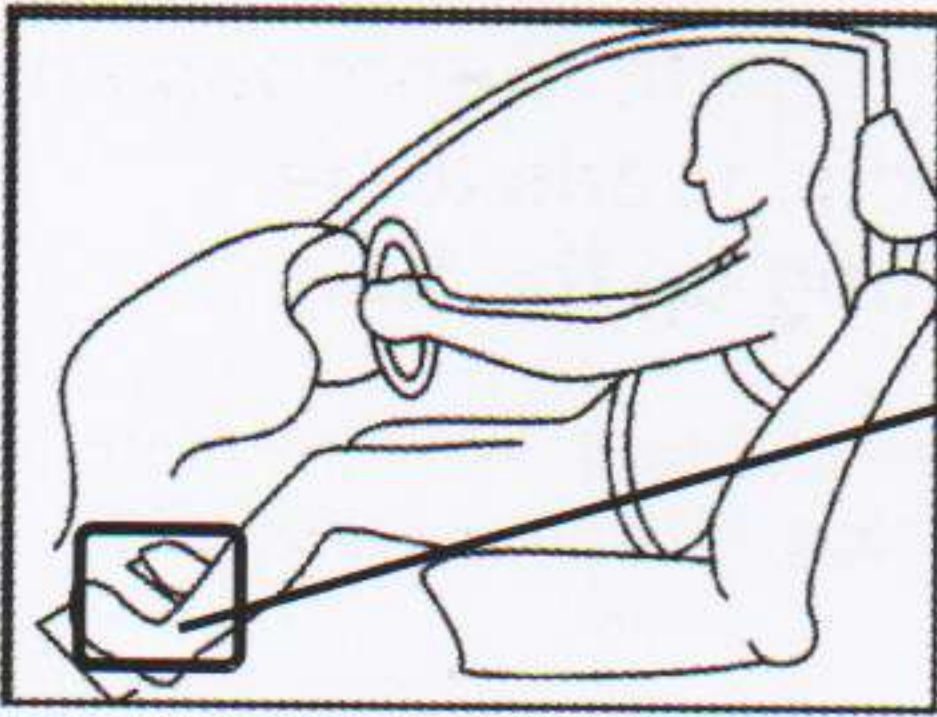
NOTE: The unit comes standard from the factory in: F2.8MT. Installation Steps

Three、INSTALLATION INSTRUCTION

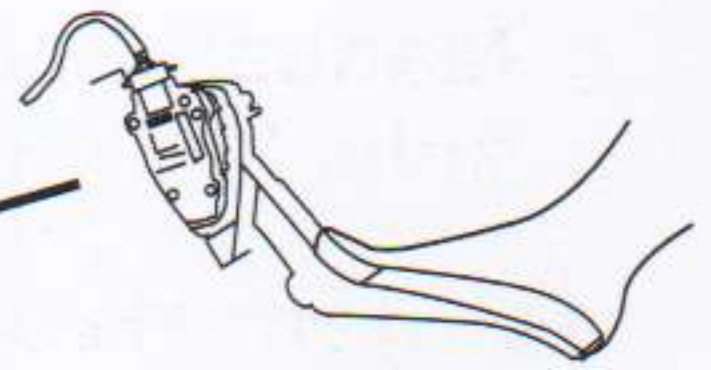
Installation Diagram:

1. Make sure the vehicle is switched off and remove the key. Connect the harness to the vehicle plug .
2. Stick the Throttle Controller on where it is easy to adjust when driving .
3. Connect the plugs and make sure the unit LED screen goes on without any error messages.





Picture 1



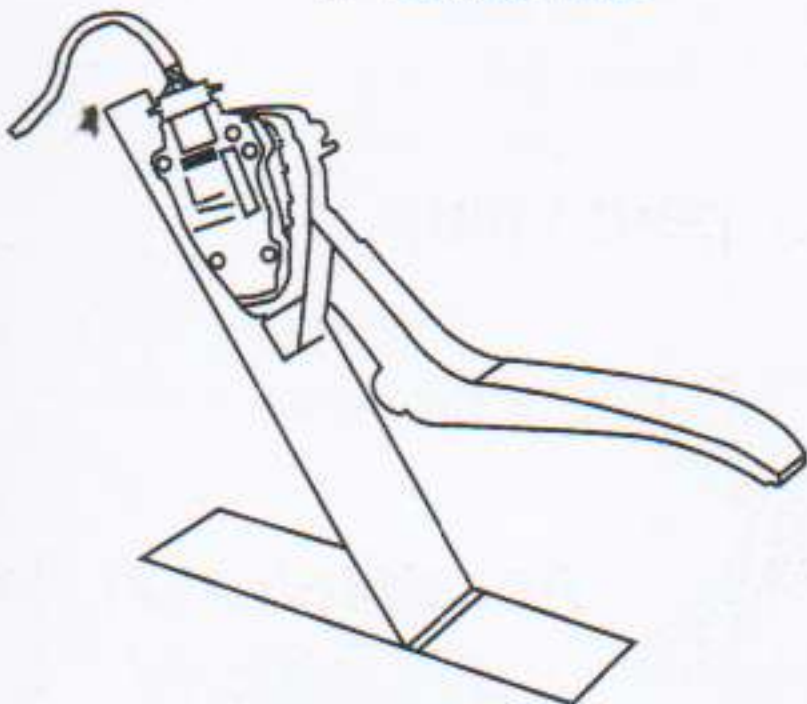
Picture 2

Installation Procedure:

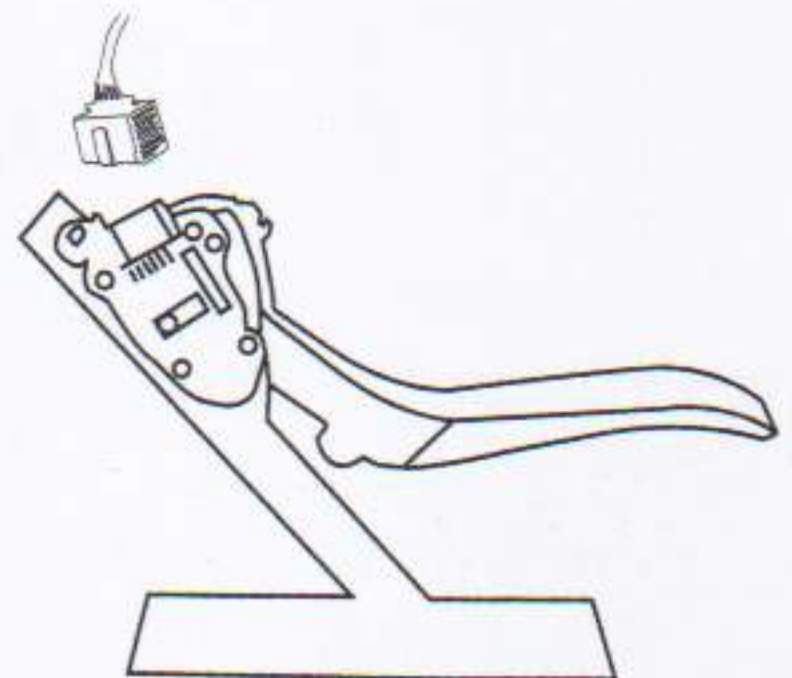
Throttle Controller should be installed between the Automobile and Accelerator Pedal. (Pls turn off the key and make sure the ignition has been switched off.

⚠ The installation could vary from vehicle to vehicles

Picture3



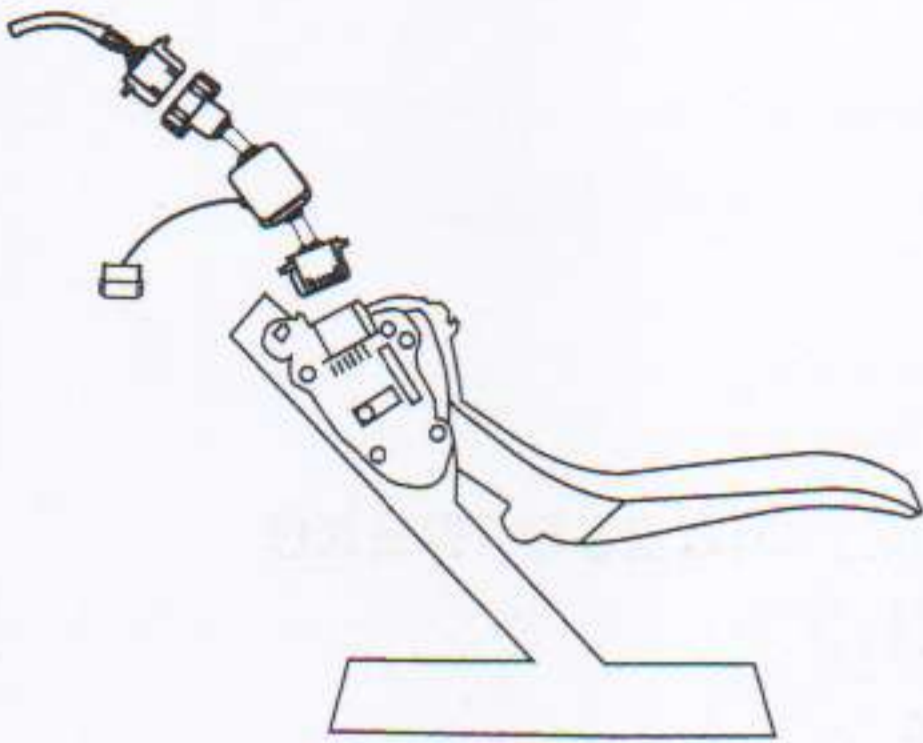
Picture4



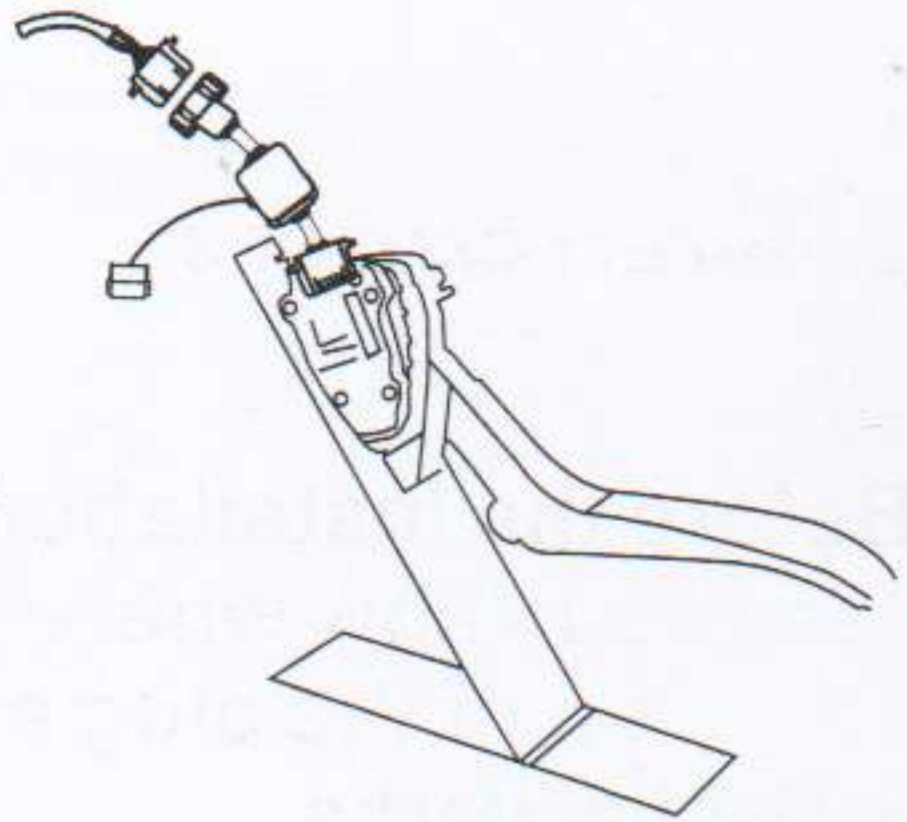
Installation Procedure 1:

Pull away the interface of the accelerator pedal (make sure the plug is fitted in the correct direction), Pls refered picture 3 and picture 4.

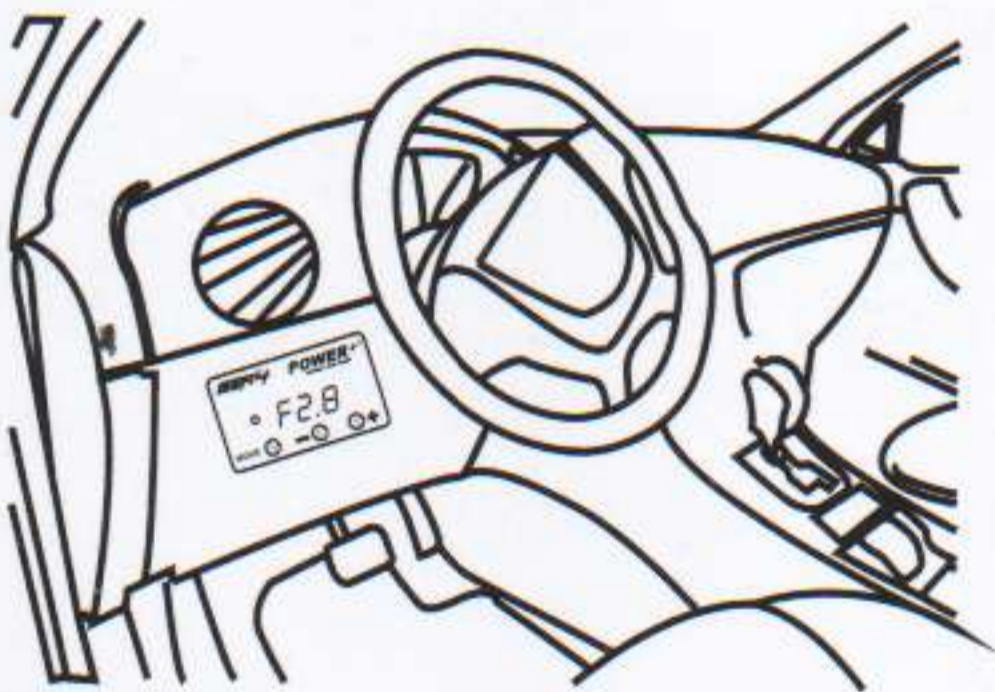
Picture5



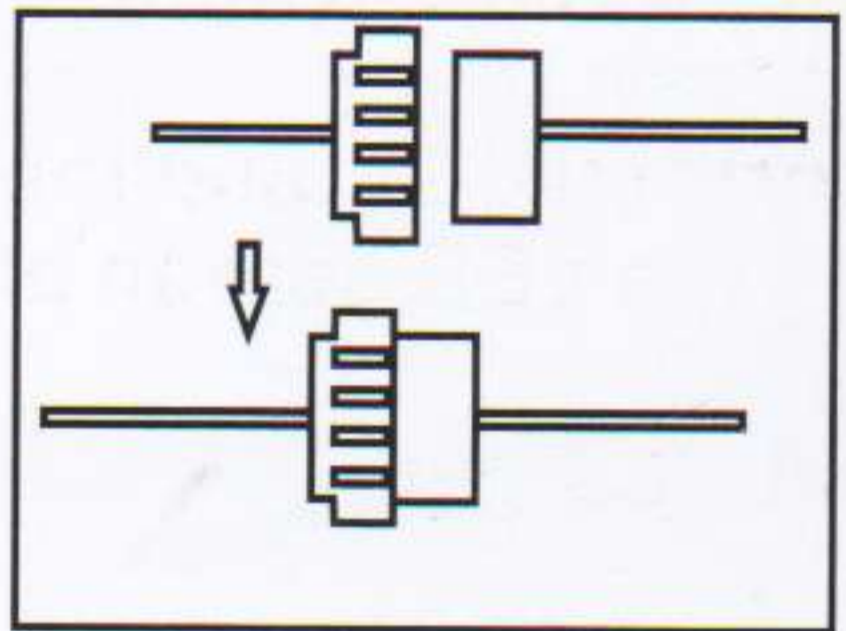
Picture6



Installation Procedure 2:
Connect the throttle controller to the accelerator pedal(Pls refer picture5 and picture6).



Picture7



Picture8

Installation Procedure3:
Tear away the protection 3M tape on the back Throttle Controller, and stick it on where it is simple to adjust.

Lastly:

Connect the Throttle Controller with chip.
(PLS refer to picture 7 and picture 8).

Four SAFETY CAUTIONS

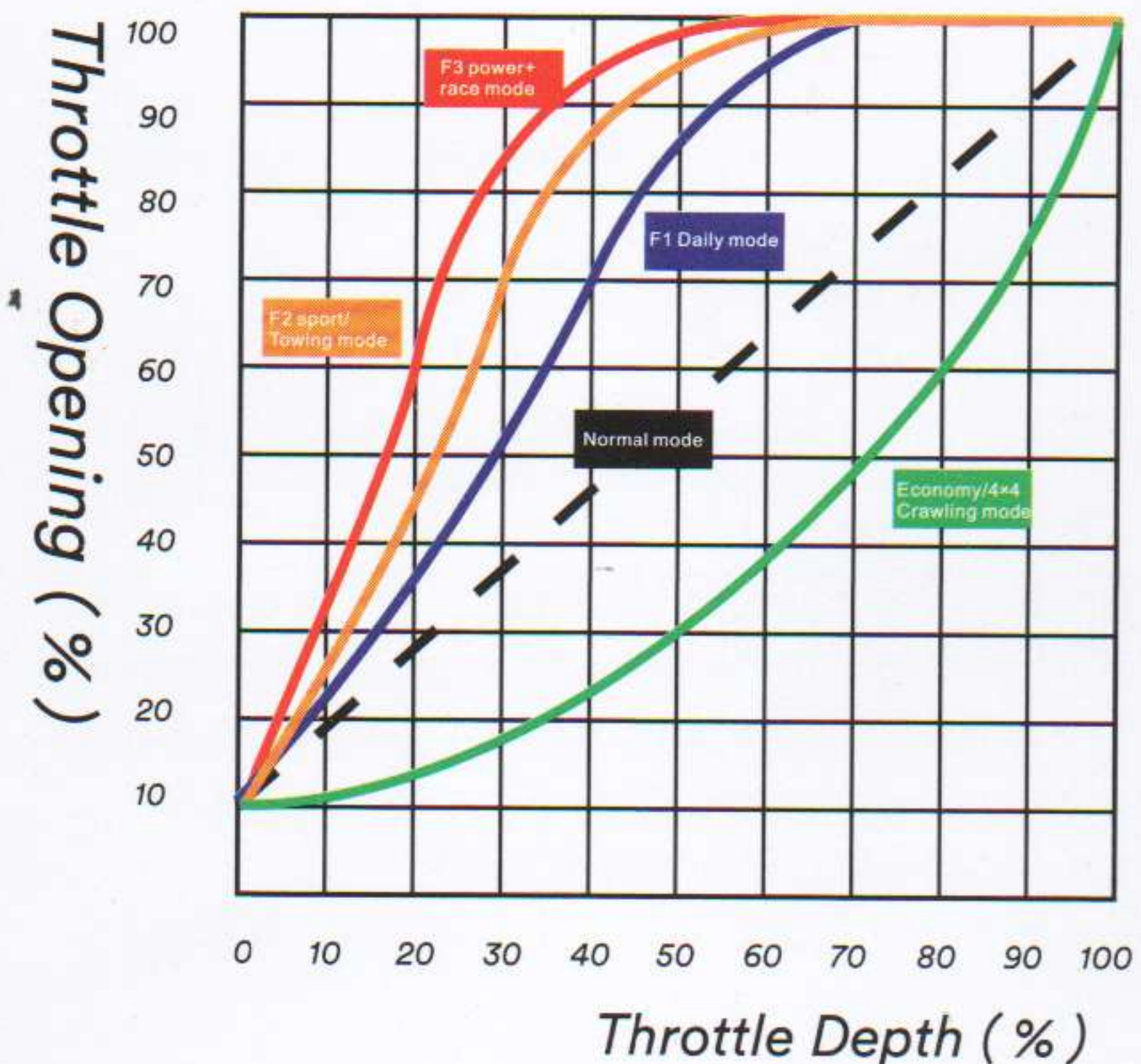
1. Before the installations, please make sure you know where the plug is situated, direction of the plug as well how the safety lock clip works.
2. After installation, please make sure the vehicle is in Park or Neutral before starting the engine.
3. Should you see a vehicle error or engine management light on your dashboard please check that all plugs has clipped in correctly. Should the unit display a C2 error on the LED screen please recheck all wiring.

Five OPERATION

1. The unit can be adjusted by the three buttons of the controller, from left to right the buttons are Mode, “-“ and “+” keys.
2. The system can be adjusted directly after the ignition has been switched on we suggest going through the modes to familiarize you with the mode that will work the best for you.

- Press the Mode button, the display controller will show the mode type and adjust as the following circulate in turn automatically: F1 Daily mode < F2 Sport/ Towing mode < F3 Power+ Race mode < Normal Mode < Economy/4x4 Crawling mode < AU (Power+ intelligent mode) F3 is the strongest mode.
- The “ - “ “ + ” keys are for adding and subtracting in the same mode (such as: adjust from 1 to 9, gradually increased), except the Nor (Standard) mode, the other modes have 9 level adjustments

Power Plus Throttle Affect





F1 Daily mode:

Slight increase over standard help reduce turbolag and improves acceleration well suited to city driving. (1-9 adjustable)



F2 Sport/ Towing mode:

Great for acceleration and towing helps you get to your torque band much faster. (1-9 adjustable)



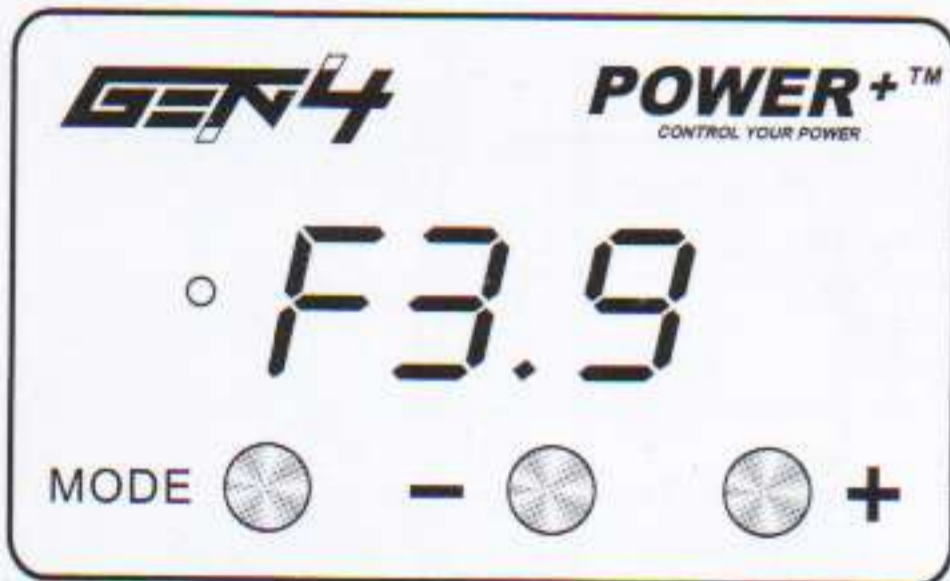
Adjust the gear box mode by pressing the “+” for 3 seconds,. The display on the controller will shows AAA for Automatic (AT)mode.



Long press “-” in 3 second the displau controller willshows HHH Manual (MT) mode.



EC Economy/ 4x4 Crawling mode:
For optimum fuel economy and slow
off road rock crawling.



F3 Power+Race mode:
Super fast acceleration and performance,
for overtaking and when you need to
unlock full potential of your vehicle.
(1-9 adjustable settings)



Automatic light dimming sensor



Normal mode(Nor):

Back to the Normal/Standard mode.



Auto mode:

Intelligent detection of driver driving habits, automatic adjustment according to the driving style and throttle inputs.



One key overtake function:

When you press and hold the (M) button, you would automatically jump to the overtake mode this is idea when sitting behind slower traffic. It enables you to access all your power at a press of a button when you need it most.



Learning function:

This function is generally not needed, should only appear when vehicle data and throttle controller data is not well matched



Anti theft function:

After entering the anti-theft function, the car throttle will be locked and will not be drivable.

Learning mode

This product has been matched with the corresponding model at the time of delivery, but there may be problems with very few individual vehicle parameters. In order to better adapt this situation to the owner's best experience, we have added the learning function, that is, the intelligent power controller would automatically match your vehicles data. This function is generally not required to be used, but only when there is a problem the intelligent power controller and car data do not match properly, which leads to poor acceleration effects, high idling speeds and so on.

Operation as follow: Turn on car power but do not start car, long Press " - " , " + " button for 5 seconds, the controller screen should show 15 seconds countdown, during the countdown period, press pedal to the end (there are two levels of the accelerator pedal only step on the first stage) press the accelerator down full for 1sec. if "-00" is displayed, the studying is successful, if "-11" is display, the studying was unsuccessful .

One key overtaking function: When you press the (M) button for 3 seconds, the unit will jump directly to the racing/overtake mode to assist overtaking or in spirited driving. When the button (M) is pressed continuously, the driving mode is will change . Anti-theft function: entering the anti-theft function, the car throttle will be locked

How to use the anti-theft mode:

Press the “M” and “-” button for three seconds, the screen will displays 000, you can use “M”, “-”, “+” 3 keys to create a 3-digit anti-theft password (the password must be memorized otherwise, you can't exit the anti-theft mode), after you entered the code. Hold the “M” and “-” button for 3 seconds, the screen displays L O C indicating that it has entered the anti -theft mode.

To exit the anti-theft mode: Use “M” “-” , “+” 3 keys to enter the anti-theft password. (must be the same as the password entered when entering the anti-theft mode), press the “M” and “-” button for 3 seconds after the input is completed. the screen shows that the normal acceleration mode indicates that the anti-theft mode has been exited.